

Amendments to the Claims

1. (Canceled)

2. (Currently amended) ~~The display device according to claim 1,~~ A display device,

comprising:

an organic LED element which is part of a pixel in an array of a plurality of pixels;

a switching thin film transistor electrically connected to at least one of said elements;

a driver thin film transistor electrically connected to said at least one of said elements,

and wherein said driver thin film transistor further comprises:

a first insulating film having a first and a second surface;

an active layer positioned on a portion of said first surface of said first insulating film;

a second insulating film positioned on said active layer and on said first surface of said first insulating film;

a first gate electrode having a first area positioned on said second surface of said first insulating film;

a second gate electrode positioned on said second insulating film, said second gate electrode having a second area less than or greater than said first area of said first gate electrode;

a first conductor connected to said first gate electrode for selectively applying a first voltage to said first gate electrode and operate said transistor in conjunction with or independent of said second gate electrode; and

a second conductor connected to said second gate electrode for applying a second voltage to said second gate electrode and operate said transistor in conjunction with or independent of said first gate electrode.

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3. (Original) The display device according to claim 2, further including two conductive layers positioned on said active layer, each of said conductive layers including a side wall and a bottom wall connecting said sidewalls therein defining a channel, said bottom wall defined by said active layer.

4. (Original) The display device according to claim 3, wherein said bottom wall of said channel has a rectangular shape with a predetermined length and width.

5. (Original) The display device according to claim 4, wherein said first and second gate electrodes each have a rectangular shape with a predetermined length and width.

6. (Original) The display device according to claim 5, wherein said predetermined width of each of said first and second gate electrodes is greater than said predetermined width of said bottom wall of said channel.

7. (Original) The display device according to claim 6, wherein said predetermined length of at least one of said first and second gate electrodes is greater than said predetermined length of said bottom wall of said channel.

8. (Original) The display device according to claim 2, wherein said first conductor comprises a first controller.

9. (Original) The display device according to claim 2, wherein said second conductor comprises a second controller.

10-17 (Canceled)

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